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lpxA Gene; *ssc* Gene; Lipid A biosynthesis (Vaara, M. (97) 249)

Histidase
Histidine aminotransferase; *Streptomyces*; Nikkomycin (Roos, U. (97) 185)

Histidine aminotransferase
Histidase; *Streptomyces*; Nikkomycin (Roos, U. (97) 185)

***m*-Hydroxybenzoate hydroxylase**
Gentisate dioxygenase; Maleylpyruvate isomerase; Fumarylpyruvate hydrolase; *Salmonella typhimurium* (Goetz, F.E. (97) 45)

Immunocross-reactivity
γ-Glutamyltranspeptidase; *Escherichia coli* HB101; *Pseudomonas* sp. A14 (Ishiye, M. (97) 235)

Inhibition of *Neocallimastix frontalis*
Ruminococcus flavefaciens; *Ruminococcus albus*; Rumen cellulolysis (Stewart, C.S. (97) 83)

In situ hybridization
Symbiosis; 16S rRNA; Fluorescent probes; Polymorphic bacteria; Anaerobic ciliate; *Metopus contortus*; *Methanocorpusculum parvum* (Embley, T.M. (97) 57)

Intrinsic resistance
Penicillin-binding protein; Fosfomycin; β-Lactam antibiotics; *Staphylococcus aureus* (Najioullah, F. (97) 221)

In vitro adhesion
Sexual agglutinins; *Chlamydomonas eugametos* (Versluis, M. (97) 101)

Iron reduction
Thiobacillus ferrooxidans; Anaerobic growth (Das, A. (97) 167)

Isoenzymes of catechol 1,2-dioxygenase
Bacterial aniline and 3-chloroaniline degradation; *ortho*-cleavage Pathway; *Pseudomonas acidovorans* CA28 (Hinteregger, C. (97) 261)

Isoflavone
Extracellular polysaccharide; Genistein; *Rhizobium fredii* (Dunn, M.F. (97) 107)

Killer-resistance
Saccharomyces cerevisiae; Wine (Cansado, J. (97) 13)

β-Lactam antibiotics
Penicillin-binding protein; Fosfomycin; Intrinsic resistance; *Staphylococcus aureus* (Najioullah, F. (97) 221)

Lactobacillus curvatus
Lactobacillus sake; Lactose metabolism; Galactosidase; Meat fermentation (Obst, M. (97) 209)

Lactobacillus sake
Lactobacillus curvatus; Lactose metabolism; Galactosidase; Meat fermentation (Obst, M. (97) 209)

Lactose metabolism
Lactobacillus curvatus; *Lactobacillus sake*; Galactosidase; Meat fermentation (Obst, M. (97) 209)

Legionella pneumophila
27-Oxo-octacosanoic acid; Heptacosane-1,27-dioic acid; 29-Oxo-triacontanoic acid; Nonacosane-1,29-dioic acid; Lipopolysaccharide (Moll, H. (97) 1)

L-form
Spirochete; Spirochaetales; 16S rRNA; Mycoplasma-like; Antarctica (Franzmann, P.D. (97) 289)

Lipid A biosynthesis
lpxA Gene; *ssc* Gene; Hexapeptide repeat theme (Vaara, M. (97) 249)

Lipoamide dehydrogenase
Alcaligenes eutrophus; Poly(3-hydroxybutyric acid); PHB accumulation; PHB-leaky; Regulation of PHB accumulation; Pyruvate dehydrogenase complex (Pries, A. (97) 227)

Lipopolysaccharide
27-Oxo-octacosanoic acid; Heptacosane-1,27-dioic acid; 29-Oxo-triacontanoic acid; Nonacosane-1,29-dioic acid; *Legionella pneumophila* (Moll, H. (97) 1)

Salmonella typhi; Vi polysaccharide; Monoclonal antibodies; Serotyping (Luk, J.M.C. (97) 173)

Bordetella bronchiseptica; *Bordetella parapertussis*; Polysaccharide; Lipopolysaccharide (Di Fabio, J.L. (97) 275)

Macrolide antibiotics
Macrolide 2′-phosphotransferase type II; Oleandomycin 2′-phosphate; *Escherichia coli*; Erythromycin resistance (Kono, M. (97) 89)

Macrolide 2′-phosphotransferase type II
Oleandomycin 2′-phosphate; *Escherichia coli*; Erythromycin resistance; Macrolide antibiotics (Kono, M. (97) 89)

Maleylpyruvate isomerase
m-Hydroxybenzoate hydroxylase; Gentisate dioxygenase; Fumarylpyruvate hydrolase; *Salmonella typhimurium* (Goetz, F.E. (97) 45)

Maltose uptake
Bacillus subtilis; Phosphotransferase system (Tangney, M. (97) 191)

Meat fermentation
Lactobacillus curvatus; *Lactobacillus sake*; Lactose metabolism; Galactosidase (Obst, M. (97) 209)

Membrane permeability
Pseudomonas aeruginosa; New quinolone antimicrobial agent; DNA sequence (Okazaki, T. (97) 197)

Mercuric reductase
Mercury resistance; Cryptic *mer* operon; Environmental bacteria collections (Bogdanova, E.S. (97) 95)

Mercury resistance
Mercuric reductase; Cryptic *mer* operon; Environmental bacteria collections (Bogdanova, E.S. (97) 95)

Methanocorpusculum parvum
Symbiosis; 16S rRNA; Fluorescent probes; In situ hybridization; Polymorphic bacteria; Anaerobic ciliate; *Metopus contortus* (Embley, T.M. (97) 57)

Methanol dehydrogenase
Methylophaga marina; Quinoprotein; PQQ; Cytochrome c_L; Calcium (Chan, H.T.C. (97) 293)

Methylophaga marina
Methanol dehydrogenase; Quinoprotein; PQQ; Cytochrome c_L; Calcium (Chan, H.T.C. (97) 293)

Metopus contortus
Symbiosis; 16S rRNA; Fluorescent probes; In situ hybridization; Polymorphic bacteria; Anaerobic ciliate; *Methanocorpusculum parvum* (Embley, T.M. (97) 57)

Molybdenum
Aerobic organisms; Serine-type methylotrophs; Formate dehydrogenase; Tungsten (Gírio, F.M. (97) 161)

Monoclonal antibodies
Salmonella typhi; Vi polysaccharide; Lipopolysaccharide; Serotyping (Luk, J.M.C. (97) 173)

Montmorillonite
Plasmid DNA; DNaseI; GEM; Adsorption isotherm (Paget, E. (97) 31)

Mucus
Actinobacillus pleuropneumoniae; Respiratory tract; Colonization (Bélanger, M. (97) 119)

Mycobacterium tuberculosis
Trifluoperazine; Calmodulin antagonist; Antitubercular action (Ratnakar, P. (97) 73)

Mycoplasma-like
Spirochete; Spirochaetales; 16S rRNA; L-form; Antarctica (Franzmann, P.D. (97) 289)

Naringenin induction
Combined nitrogen; *Rhizobium leguminosarum*; Translational fusion (Baev, N. (97) 205)

Neomycin phosphotransferase
Gene activation; Plasmid; Oligomerization; Tn*5*; *Escherichia coli* (Weber, P.C. (97) 127)

New quinolone antimicrobial agent
Pseudomonas aeruginosa; Membrane permeability; DNA sequence (Okazaki, T. (97) 197)

Nikkomycin
Histidase; Histidine aminotransferase; *Streptomyces* (Roos, U. (97) 185)

Nonacosane-1,29-dioic acid
27-Oxo-octacosanoic acid; Heptacosane-1,27-dioic acid; 29-Oxo-triacontanoic acid; *Legionella pneumophila*; Lipopolysaccharide (Moll, H. (97) 1)

Oleandomycin 2′-phosphate
Macrolide 2′-phosphotransferase type II; *Escherichia coli*; Erythromycin resistance; Macrolide antibiotics (Kono, M. (97) 89)

Oligomerization
Gene activation; Plasmid; Tn*5*; Neomycin phosphotransferase; *Escherichia coli* (Weber, P.C. (97) 127)

OmpT
Outer membrane; Plasminogen activator; Virulence factor; *Escherichia coli* (Lundrigan, M.D. (97) 51)

OprD
Outer membrane protein; *Pseudomonas aeruginosa*; Gene expression (Huang, H. (97) 267)

Outer membrane
OmpT; Plasminogen activator; Virulence factor; *Escherichia coli* (Lundrigan, M.D. (97) 51)

Outer membrane protein
OprD; *Pseudomonas aeruginosa*; Gene expression (Huang, H. (97) 267)

27-Oxo-octacosanoic acid
Heptacosane-1,27-dioic acid; 29-Oxo-triacontanoic acid; Nonacosane-1,29-dioic acid; *Legionella pneumophila*; Lipopolysaccharide (Moll, H. (97) 1)

29-Oxo-triacontanoic acid
27-Oxo-octacosanoic acid; Heptacosane-1,27-dioic acid; Nonacosane-1,29-dioic acid; *Legionella pneumophila*; Lipopolysaccharide (Moll, H. (97) 1)

***ortho*-cleavage Pathway**
Isoenzymes of catechol 1,2-dioxygenase; Bacterial aniline and 3-chloroaniline degradation; *Pseudomonas acidovorans* CA28 (Hinteregger, C. (97) 261)

Pectinase
Botrytis cinerea; Polygalacturonase; ELISA; Enzyme induction (Johnston, D.J. (97) 19)

Penicillin-binding protein
Fosfomycin; Intrinsic resistance; β-Lactam antibiotics; *Staphylococcus aureus* (Najioullah, F. (97) 221)

PHB accumulation
Alcaligenes eutrophus; Poly(3-hydroxybutyric acid); PHB-leaky; Regulation of PHB accumulation; Pyruvate dehydrogenase complex; Lipoamide dehydrogenase (Pries, A. (97) 227)

PHB-leaky
Alcaligenes eutrophus; Poly(3-hydroxybutyric acid); PHB accumulation; Regulation of PHB accumulation; Pyruvate dehydrogenase complex; Lipoamide dehydrogenase (Pries, A. (97) 227)

Phosphotransferase system
Maltose uptake; *Bacillus subtilis* (Tangney, M. (97) 191)

Phylogenetic position
16S rRNA sequence; *Acidaminococcus fermentans*; Chemotaxonomy (Both, B. (97) 7)

Plasmid
Gene activation; Oligomerization; Tn*5*; Neomycin phosphotransferase; *Escherichia coli* (Weber, P.C. (97) 127)

Plasmid DNA
DNaseI; GEM; Adsorption isotherm; Montmorillonite (Paget, E. (97) 31)

Plasmid-mediated erythromycin resistance
Staphylococcus xylosus (Milton, I.D. (97) 141)

Plasminogen activator
OmpT; Outer membrane; Virulence factor; *Escherichia coli* (Lundrigan, M.D. (97) 51)

Polygalacturonase
Botrytis cinerea; Pectinase; ELISA; Enzyme induction (Johnston, D.J. (97) 19)

Poly(3-hydroxybutyric acid)
Alcaligenes eutrophus; PHB accumulation; PHB-leaky; Regulation of PHB accumulation; Pyruvate dehydrogenase complex; Lipoamide dehydrogenase (Pries, A. (97) 227)

Polymerase chain reaction
Yersinia enterocolitica; Enterotoxin; *yst* Gene sequence; Epidemiology (Ibrahim, A. (97) 63)

Polymorphic bacteria
Symbiosis; 16S rRNA; Fluorescent probes; In situ hybridization; Anaerobic ciliate; *Metopus contortus*; *Methanocorpusculum parvum* (Embley, T.M. (97) 57)

Polysaccharide
Lipopolysaccharide; *Bordetella bronchiseptica*; *Bordetella parapertussis*; Lipopolysaccharide (Di Fabio, J.L. (97) 275)

PQQ
Methylophaga marina; Methanol dehydrogenase; Quinoprotein; Cytochrome c_L; Calcium (Chan, H.T.C. (97) 293)

Protein engineering
Recombination; recA (Calogero, S. (97) 41)

***Pseudomonas acidovorans* CA28**
Isoenzymes of catechol 1,2-dioxygenase; Bacterial aniline and 3-chloroaniline degradation; *ortho*-cleavage Pathway (Hinteregger, C. (97) 261)

Pseudomonas aeruginosa
New quinolone antimicrobial agent; Membrane permeability; DNA sequence (Okazaki, T. (97) 197)

Outer membrane protein; OprD; Gene expression (Huang, H. (97) 267)

***Pseudomonas* sp. A14**
γ-Glutamyltranspeptidase; *Escherichia coli* HB101; Immunocross-reactivity (Ishiye, M. (97) 235)

Pyruvate dehydrogenase complex
Alcaligenes eutrophus; Poly(3-hydroxybutyric acid); PHB accumulation; PHB-leaky; Regulation of PHB accumulation; Lipoamide dehydrogenase (Pries, A. (97) 227)

Quinoprotein
Methylophaga marina; Methanol dehydrogenase; PQQ; Cytochrome c_L; Calcium (Chan, H.T.C. (97) 293)

Rapid detection
Vibrio cholerae; Co-agglutination (Colwell, R.R. (97) 215)

Recombination
Protein engineering; recA (Calogero, S. (97) 41)

Regulation of PHB accumulation
Alcaligenes eutrophus; Poly(3-hydroxybutyric acid); PHB accumulation; PHB-leaky; Pyruvate dehydrogenase complex; Lipoamide dehydrogenase (Pries, A. (97) 227)

Respiratory tract
Actinobacillus pleuropneumoniae; Colonization; Mucus (Bélanger, M. (97) 119)

Rhizobium fredii
Extracellular polysaccharide; Genistein; Isoflavone (Dunn, M.F. (97) 107)

Rhizobium leguminosarum
Combined nitrogen; Naringenin induction; Translational fusion (Baev, N. (97) 205)

Rhodobacter capsulatus
Cytochrome *c* peroxidase; Dimethylsulphoxide; Electron transport (Hanlon, S.P. (97) 283)

Rumen cellulolysis
Inhibition of *Neocallimastix frontalis*; *Ruminococcus flavefaciens*; *Ruminococcus albus* (Stewart, C.S. (97) 83)

Ruminococcus albus
Inhibition of *Neocallimastix frontalis*; *Ruminococcus flavefaciens*; Rumen cellulolysis (Stewart, C.S. (97) 83)

Ruminococcus flavefaciens
Inhibition of *Neocallimastix frontalis*; *Ruminococcus albus*; Rumen cellulolysis (Stewart, C.S. (97) 83)

Saccharomyces cerevisiae
Killer-resistance; Wine (Cansado, J. (97) 13)

Anthranilic acid; Adenosine; Thiamin (Iwashima, A. (97) 135)

Salmonella typhi
Vi polysaccharide; Lipopolysaccharide; Monoclonal antibodies; Serotyping (Luk, J.M.C. (97) 173)

Salmonella typhimurium
m-Hydroxybenzoate hydroxylase; Gentisate dioxygenase; Maleylpyruvate isomerase; Fumarylpyruvate hydrolase (Goetz, F.E. (97) 45)

Serine-type methylotrophs
Aerobic organisms; Formate dehydrogenase; Tungsten; Molybdenum (Gírio, F.M. (97) 161)

Serotyping
Salmonella typhi; Vi polysaccharide; Lipopolysaccharide; Monoclonal antibodies (Luk, J.M.C. (97) 173)

Sexual agglutinins
In vitro adhesion; *Chlamydomonas eugametos* (Versluis, M. (97) 101)

Spirochaetales
Spirochete; 16S rRNA; L-form; Mycoplasma-like; Antarctica (Franzmann, P.D. (97) 289)

Spirochete
Spirochaetales; 16S rRNA; L-form; Mycoplasma-like; Antarctica (Franzmann, P.D. (97) 289)

16S rRNA
Symbiosis; Fluorescent probes; In situ hybridization; Polymorphic bacteria; Anaerobic ciliate; *Metopus contortus*; *Methanocorpusculum parvum* (Embley, T.M. (97) 57)

Spirochete; Spirochaetales; L-form; Mycoplasma-like; Antarctica (Franzmann, P.D. (97) 289)

16S rRNA sequence
Acidaminococcus fermentans; Phylogenetic position; Chemotaxonomy (Both, B. (97) 7)

Staphylococcus aureus
Penicillin-binding protein; Fosfomycin; Intrinsic resistance; β-Lactam antibiotics (Najioullah, F. (97) 221)

Conjugation; Conjugative plasmid; Trimethoprim resistance (Udo, E.E. (97) 243)

Staphylococcus xylosus
Plasmid-mediated erythromycin resistance (Milton, I.D. (97) 141)

Streptomyces
Histidase; Histidine aminotransferase; Nikkomycin (Roos, U. (97) 185)

Subcellular fractionation
Candida albicans; Germ tube formation; Chitin synthetase; Dimorphism (Gozalbo, D. (97) 255)

Symbiosis
16S rRNA; Fluorescent probes; In situ hybridization; Polymorphic bacteria; Anaerobic ciliate; *Metopus contortus*; *Methanocorpusculum parvum* (Embley, T.M. (97) 57)

Thiamin
Anthranilic acid; Adenosine; *Saccharomyces cerevisiae* (Iwashima, A. (97) 135)

Thiobacillus ferrooxidans
Anaerobic growth; Iron reduction (Das, A. (97) 167)

Tn*5*
Gene activation; Plasmid; Oligomerization; Neomycin phosphotransferase; *Escherichia coli* (Weber, P.C. (97) 127)

Translational fusion
Combined nitrogen; Naringenin induction; *Rhizobium leguminosarum* (Baev, N. (97) 205)

Trichoderma reesei
Cellobiohydrolase action; Cellulose microfibril structure (Sprey, B. (97) 113)

Trifluoperazine
Calmodulin antagonist; *Mycobacterium tuberculosis*; Antitubercular action (Ratnakar, P. (97) 73)

Trimethoprim resistance
Conjugation; Conjugative plasmid; *Staphylococcus aureus* (Udo, E.E. (97) 243)

Tungsten
Aerobic organisms; Serine-type methylotrophs; Formate dehydrogenase; Molybdenum (Gírio, F.M. (97) 161)

Vibrio cholerae
Colonization; Adherence; Fimbriae (Ogierman, M.A. (97) 179)

Vibrio cholerae
Rapid detection; Co-agglutination (Colwell, R.R. (97) 215)

Vi polysaccharide
Salmonella typhi; Lipopolysaccharide; Monoclonal antibodies; Serotyping (Luk, J.M.C. (97) 173)

Virulence factor
OmpT; Outer membrane; Plasminogen activator; *Escherichia coli* (Lundrigan, M.D. (97) 51)

Wine
Saccharomyces cerevisiae; Killer-resistance (Cansado, J. (97) 13)

Yersinia enterocolitica
Enterotoxin; *yst* Gene sequence; Polymerase chain reaction; Epidemiology (Ibrahim, A. (97) 63)